

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS081523\
 Data File : PS024078.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Aug 2023 16:48
 Operator : AR\AJ
 Sample : 03985-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PNNL-APM2-0811-1MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/16/2023
 Supervised By : Ankita Jodhani 08/16/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 16 00:08:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS080823.M
 Quant Title : 8080.M
 QLast Update : Tue Aug 08 13:26:17 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides2
 Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
4) S	2,4-DCAA	6.369	6.798	794.3E6	175.8E6	401.072	261.385 #
Target Compounds							
1) T	Dalapon	2.481	2.550	735.8E6	359.6E6	335.321	328.827
2) T	3,5-DICHL...	5.740	5.979	1216.2E6	381.4E6	401.234	363.955
5) T	DICAMBA	6.509	6.961	3611.5E6	1157.7E6	410.544	394.736
6) T	MCP	6.660	7.056	268.7E6	81417318	43.089	42.085m
7) T	MCPA	6.782	7.262	345.9E6	117.2E6	41.177	40.062m
8) T	DICHLORPROP	7.098	7.577	948.4E6	298.7E6	421.463	408.609
9) T	2,4-D	7.294	7.861	1241.3E6	377.8E6	500.919	443.532m
10) T	Pentachlo...	7.525	8.288	9248.1E6	2873.2E6	295.013	267.402
11) T	2,4,5-TP ...	8.046	8.646	5866.2E6	2940.8E6	448.574	715.266m#
12) T	2,4,5-T	8.302	9.017	5567.1E6	1701.8E6	496.885	450.339
13) T	2,4-DB	8.808	9.521	686.1E6	203.8E6	385.530	447.035
14) T	DINOSEB	9.863	9.849	1764.5E6	559.9E6	190.356	186.686m
15) T	Picloram	9.686	10.804	5323.6E6	2028.0E6	411.740m	406.992
16) T	DCPA	10.127	10.773	7573.8E6	2369.0E6	481.423	460.799

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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Operator : AR\AJ
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Misc :
ALS Vial : 8 Sample Multiplier: 1

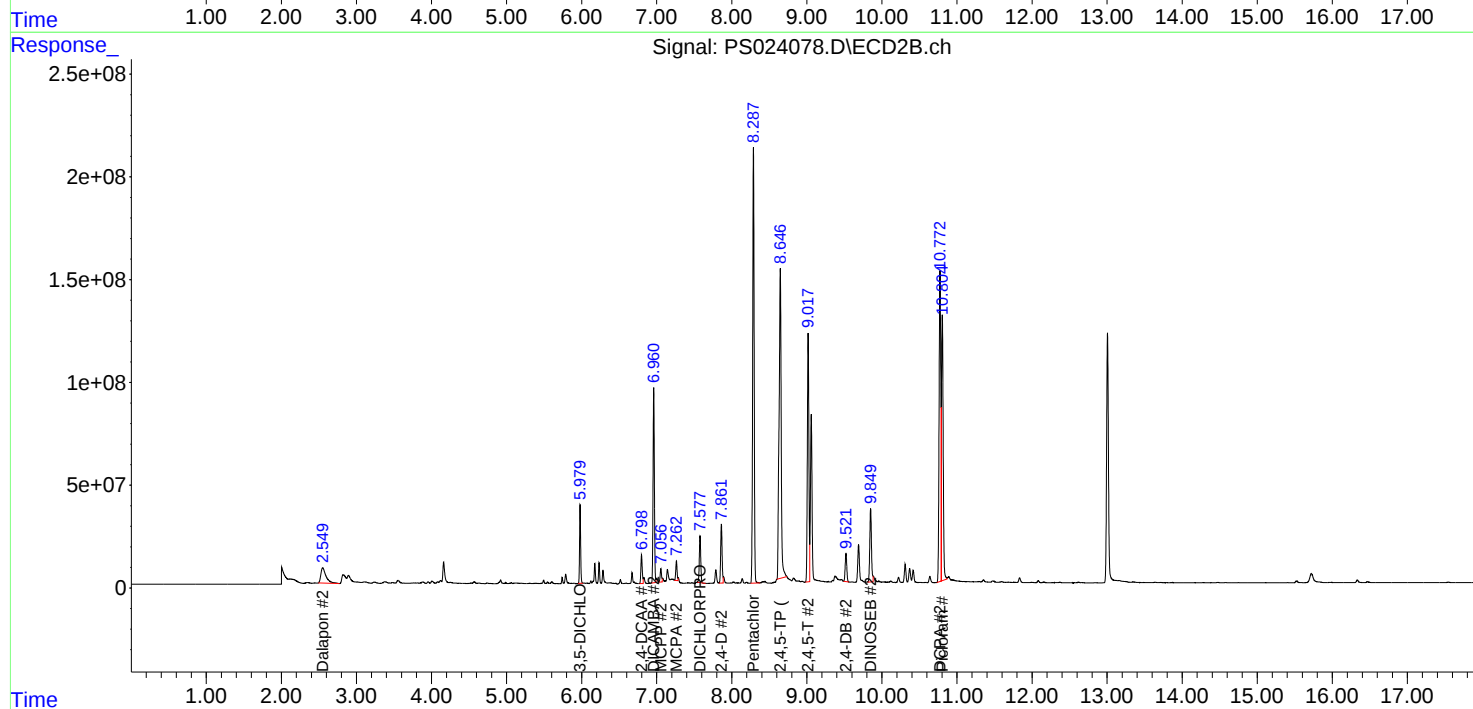
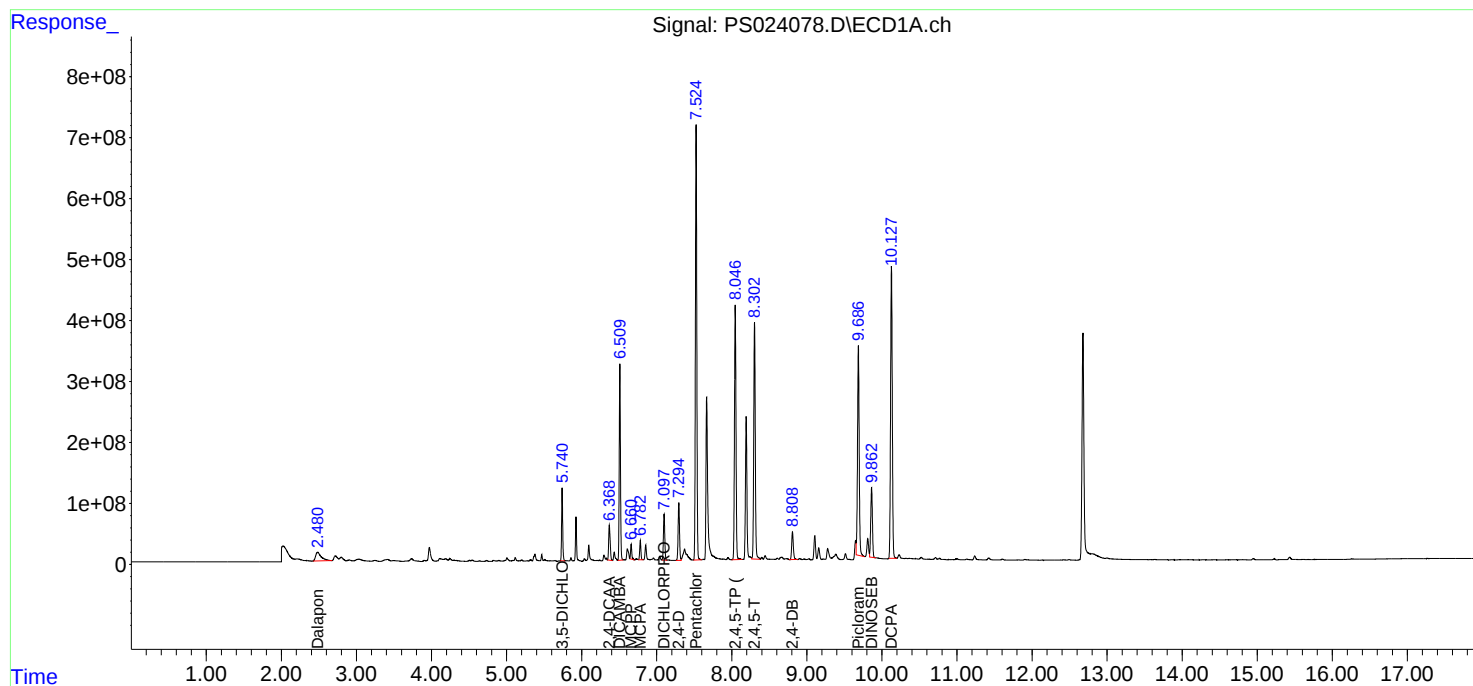
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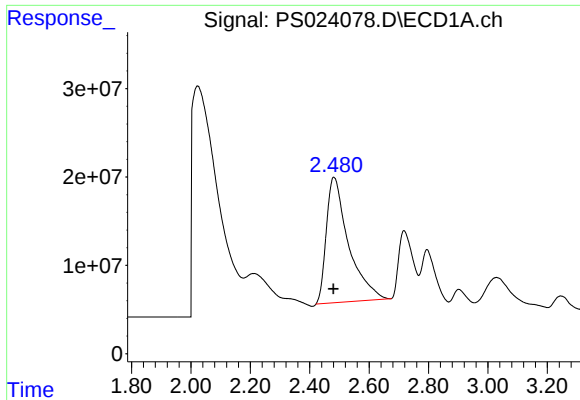
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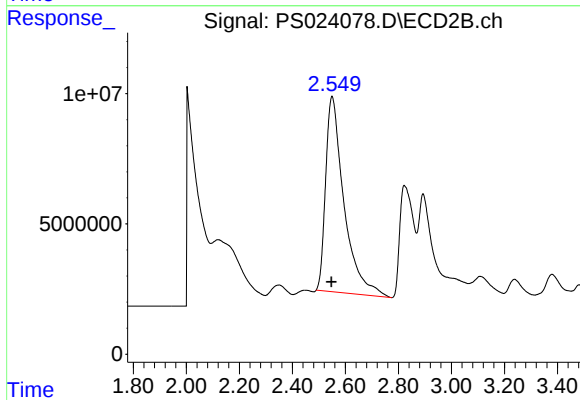
#1 Dalapon

R.T.: 2.481 min
Delta R.T.: 0.001 min
Response: 735776540
Conc: 335.32 ng/ml

Instrument :
ECD_S
ClientSampleId :
PNNL-APM2-0811-1MSD

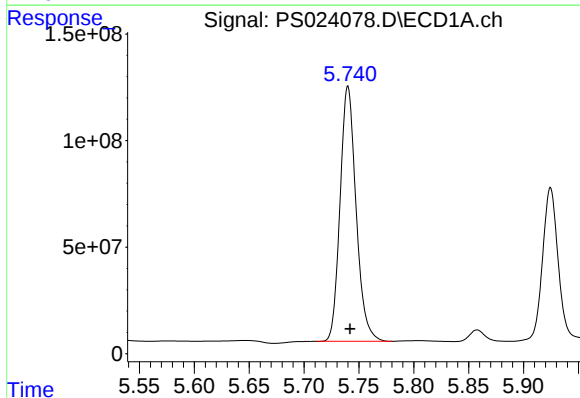
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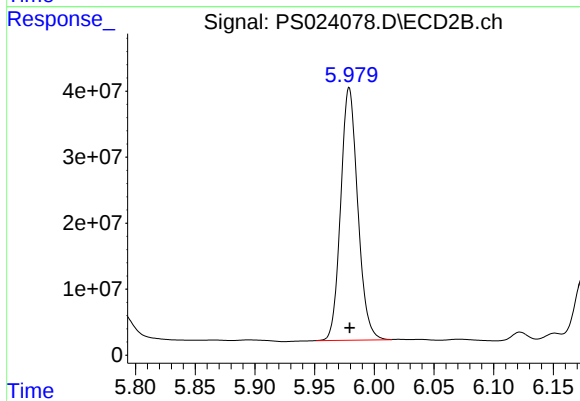
#1 Dalapon

R.T.: 2.550 min
Delta R.T.: 0.002 min
Response: 359558137
Conc: 328.83 ng/ml



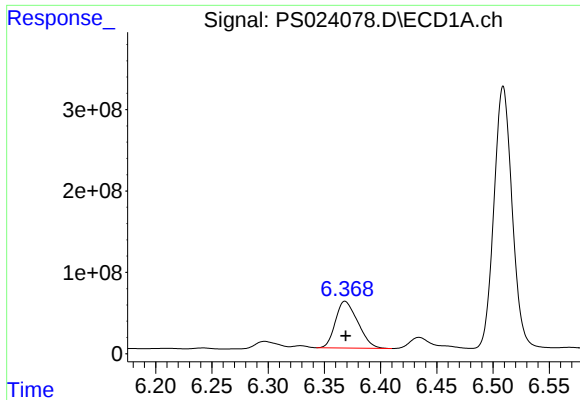
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.740 min
Delta R.T.: -0.002 min
Response: 1216216208
Conc: 401.23 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.979 min
Delta R.T.: 0.000 min
Response: 381351608
Conc: 363.95 ng/ml



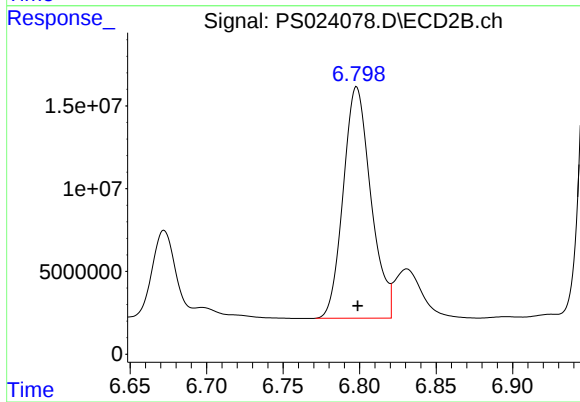
#4 2,4-DCAA

R.T.: 6.369 min
Delta R.T.: 0.000 min
Response: 794347678
Conc: 401.07 ng/ml

Instrument :
ECD_S
ClientSampleId :
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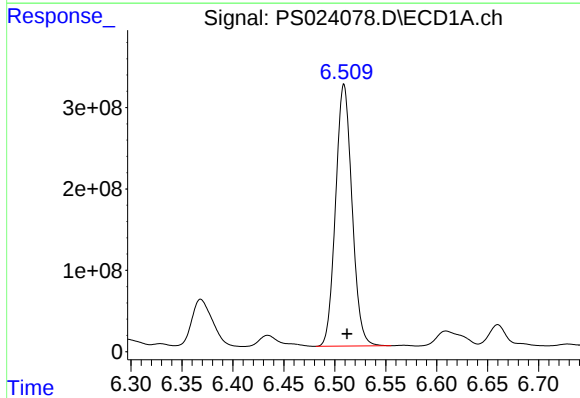
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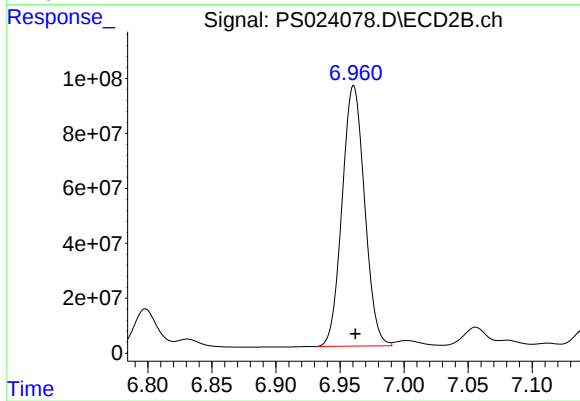
#4 2,4-DCAA

R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 175814906
Conc: 261.39 ng/ml



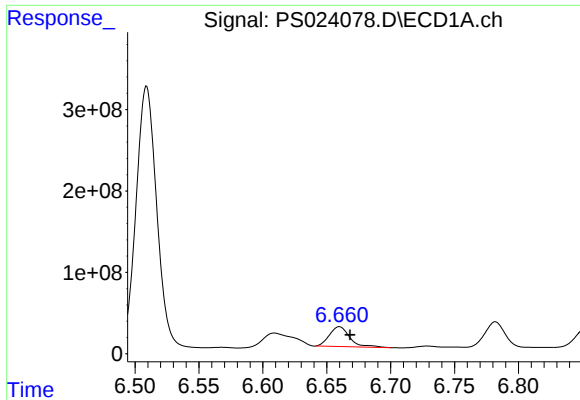
#5 DICAMBA

R.T.: 6.509 min
Delta R.T.: -0.003 min
Response: 3611481863
Conc: 410.54 ng/ml



#5 DICAMBA

R.T.: 6.961 min
Delta R.T.: -0.001 min
Response: 1157675010
Conc: 394.74 ng/ml



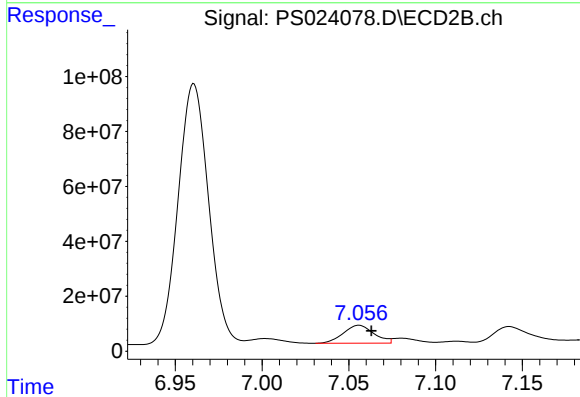
#6 MCP

R.T.: 6.660 min
Delta R.T.: -0.008 min
Response: 268725541
Conc: 43.09 ug/ml

Instrument :
ECD_S
ClientSampleId :
PNNL-APM2-0811-1MSD

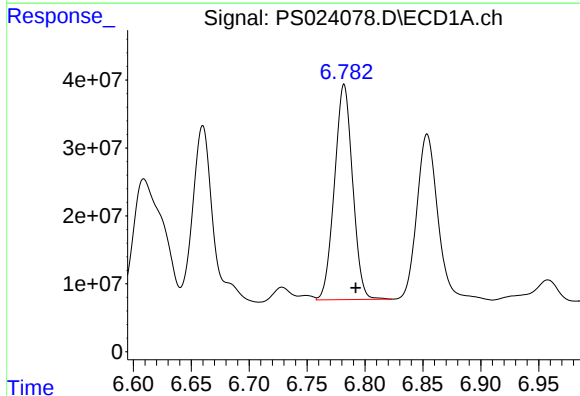
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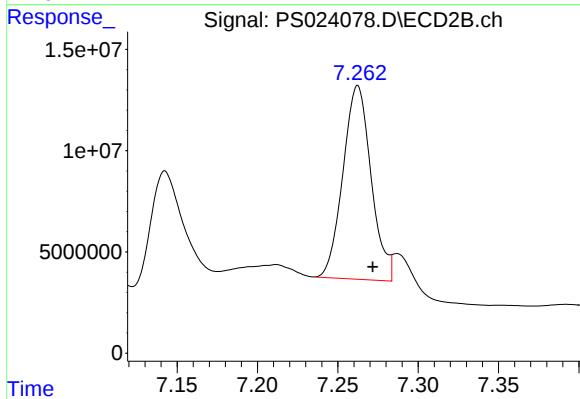
#6 MCP

R.T.: 7.056 min
Delta R.T.: -0.008 min
Response: 81417318
Conc: 42.08 ug/ml m



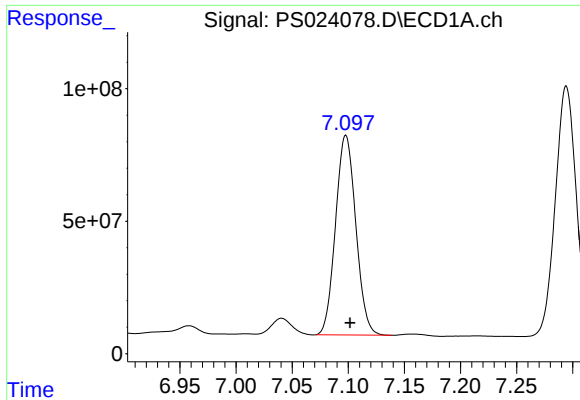
#7 MCPA

R.T.: 6.782 min
Delta R.T.: -0.010 min
Response: 345883481
Conc: 41.18 ug/ml



#7 MCPA

R.T.: 7.262 min
Delta R.T.: -0.010 min
Response: 117202102
Conc: 40.06 ug/ml m



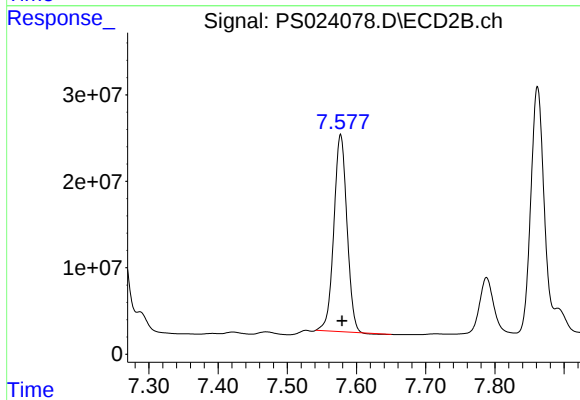
#8 DICHLORPROP

R.T.: 7.098 min
Delta R.T.: -0.004 min
Response: 948351026
Conc: 421.46 ng/ml

Instrument :
ECD_S
ClientSampleId :
PNNL-APM2-0811-1MSD

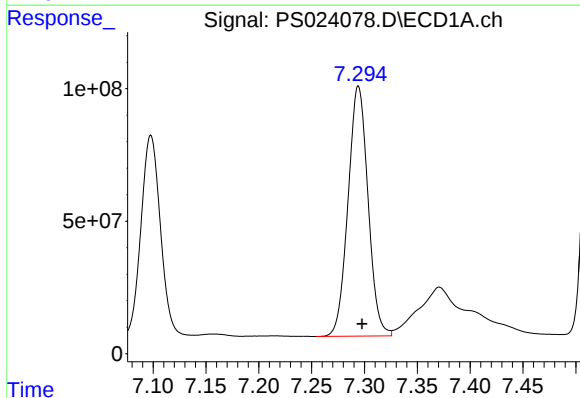
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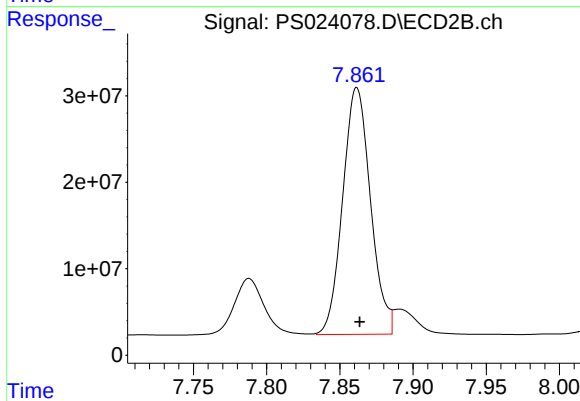
#8 DICHLORPROP

R.T.: 7.577 min
Delta R.T.: -0.002 min
Response: 298734353
Conc: 408.61 ng/ml



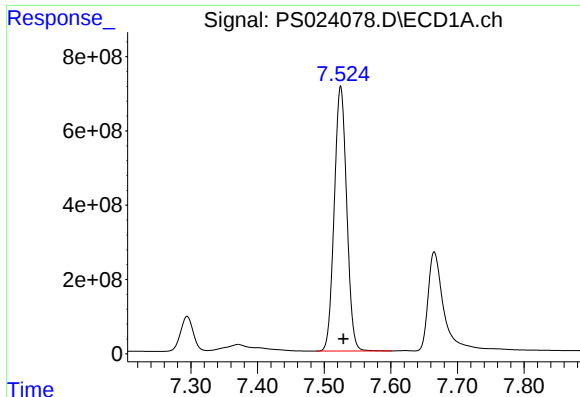
#9 2,4-D

R.T.: 7.294 min
Delta R.T.: -0.004 min
Response: 1241305857
Conc: 500.92 ng/ml



#9 2,4-D

R.T.: 7.861 min
Delta R.T.: -0.002 min
Response: 377829778
Conc: 443.53 ng/ml m



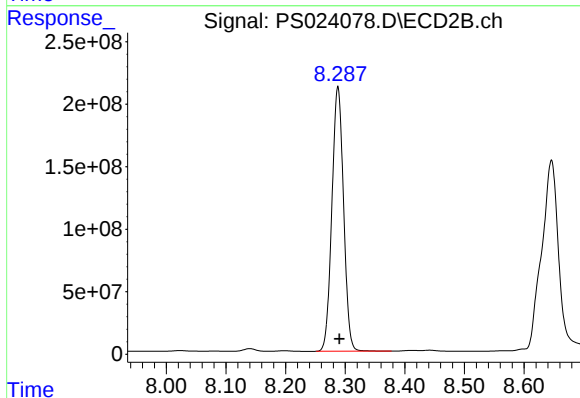
#10 Pentachlorophenol

R.T.: 7.525 min
Delta R.T.: -0.004 min
Response: 9248079429
Conc: 295.01 ng/ml

Instrument :
ECD_S
ClientSampleId :
PNNL-APM2-0811-1MSD

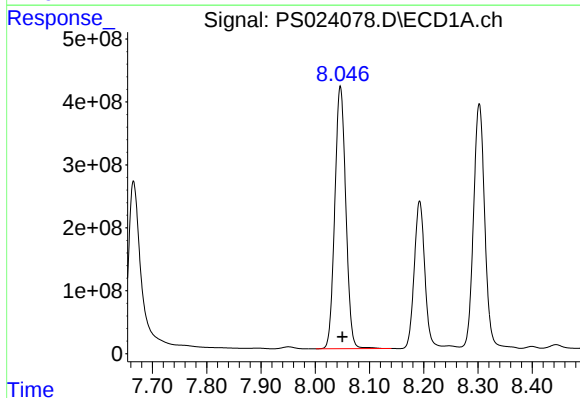
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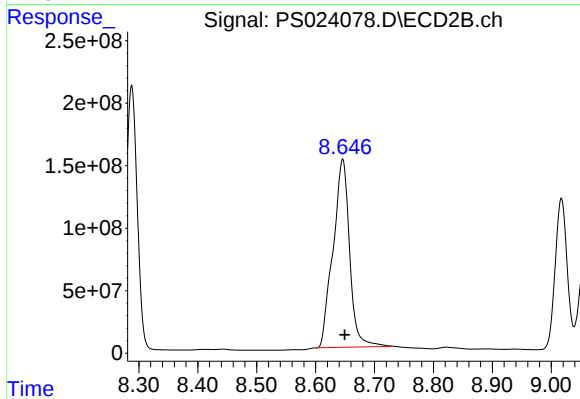
#10 Pentachlorophenol

R.T.: 8.288 min
Delta R.T.: -0.002 min
Response: 2873186823
Conc: 267.40 ng/ml



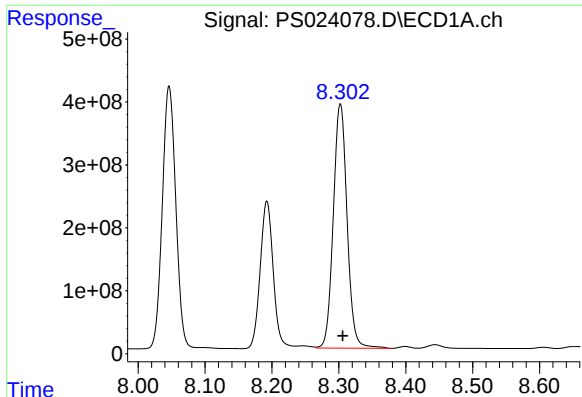
#11 2,4,5-TP (SILVEX)

R.T.: 8.046 min
Delta R.T.: -0.004 min
Response: 5866169438
Conc: 448.57 ng/ml



#11 2,4,5-TP (SILVEX)

R.T.: 8.646 min
Delta R.T.: -0.004 min
Response: 2940823333
Conc: 715.27 ng/ml m



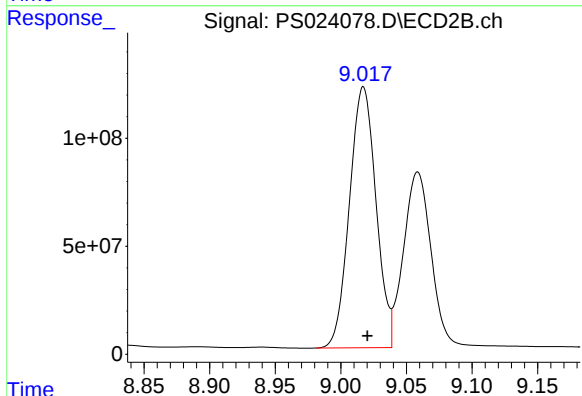
#12 2,4,5-T

R.T.: 8.302 min
Delta R.T.: -0.004 min
Response: 5567116186
Conc: 496.89 ng/ml

Instrument :
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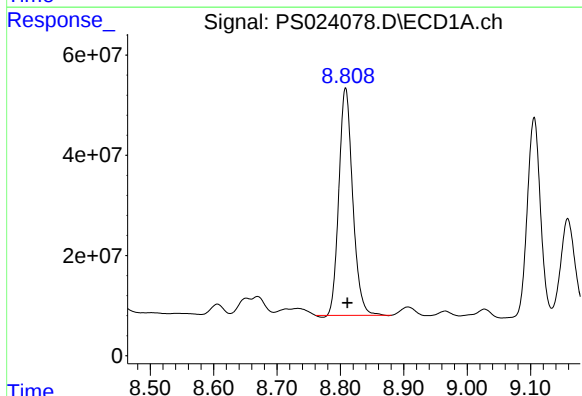
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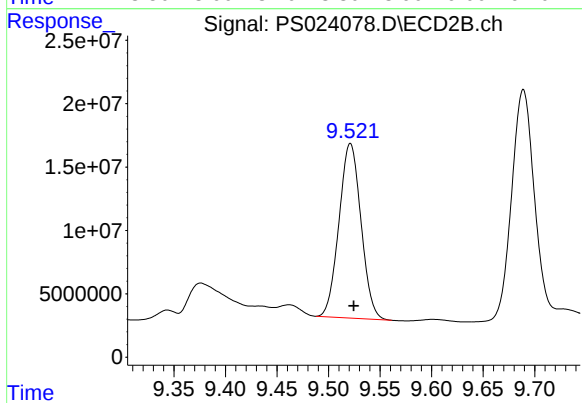
#12 2,4,5-T

R.T.: 9.017 min
Delta R.T.: -0.003 min
Response: 1701766780
Conc: 450.34 ng/ml



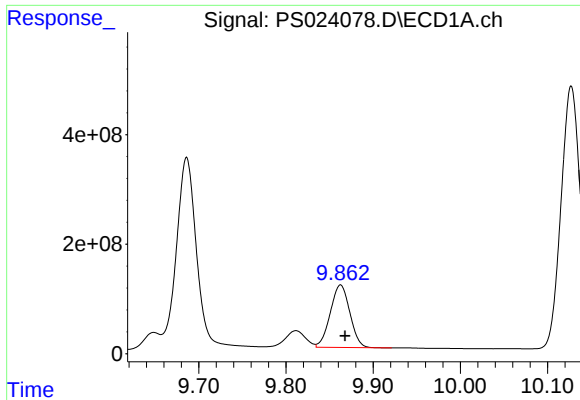
#13 2,4-DB

R.T.: 8.808 min
Delta R.T.: -0.003 min
Response: 686088902
Conc: 385.53 ng/ml



#13 2,4-DB

R.T.: 9.521 min
Delta R.T.: -0.003 min
Response: 203772266
Conc: 447.04 ng/ml



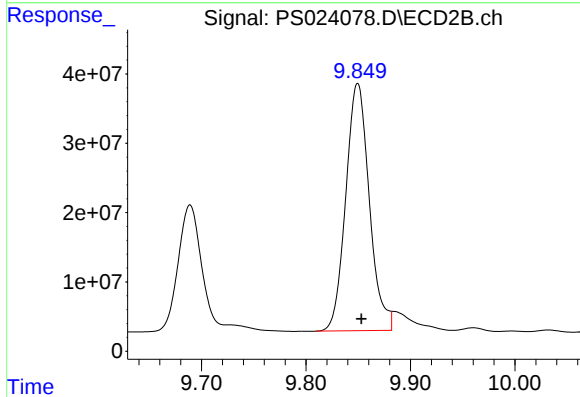
#14 DINOSEB

R.T.: 9.863 min
Delta R.T.: -0.005 min
Response: 1764546936
Conc: 190.36 ng/ml

Instrument :
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ClientSampleId :
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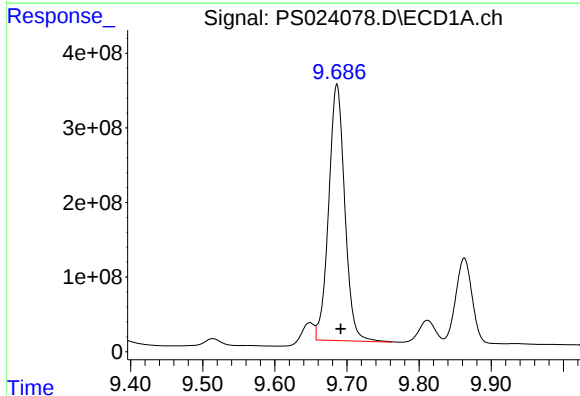
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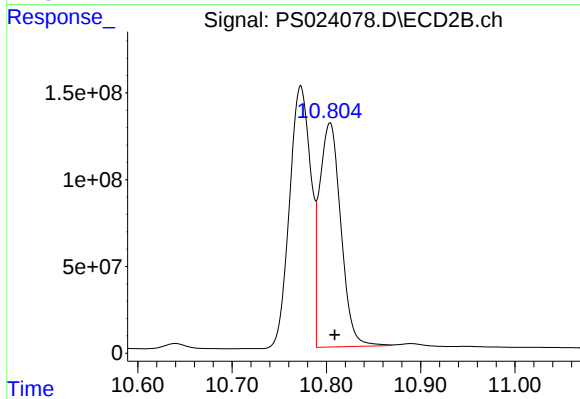
#14 DINOSEB

R.T.: 9.849 min
Delta R.T.: -0.004 min
Response: 559877998
Conc: 186.69 ng/ml m



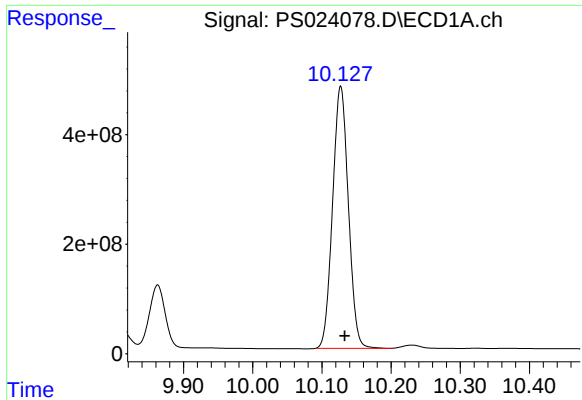
#15 Picloram

R.T.: 9.686 min
Delta R.T.: -0.005 min
Response: 5323573947
Conc: 411.74 ng/ml m



#15 Picloram

R.T.: 10.804 min
Delta R.T.: -0.005 min
Response: 2027999160
Conc: 406.99 ng/ml



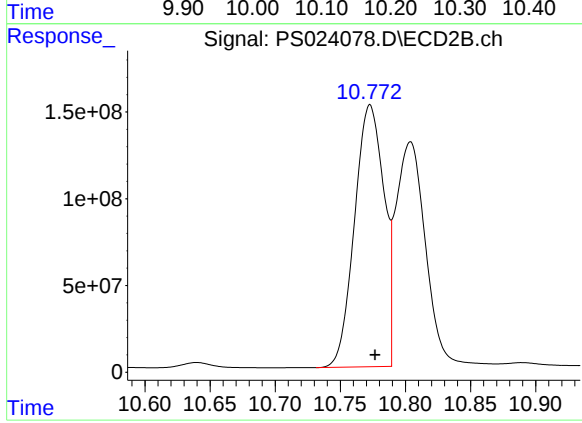
#16 DCPA

R.T.: 10.127 min
Delta R.T.: -0.006 min
Response: 7573802349
Conc: 481.42 ng/ml

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#16 DCPA

R.T.: 10.773 min
Delta R.T.: -0.004 min
Response: 2368963783
Conc: 460.80 ng/ml